

Amendments to the Claims:

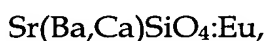
This listing of the claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A light generating device comprising:
a blue light emitting device that emits blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,
an epoxy placed over the light emitting device, the epoxy including:
a first type of phosphor, and
a second type of phosphor;
wherein the first type of phosphor, when excited, emits one of green light and red light; and,
wherein the second type of phosphor, when excited, emits yellow light.

2. (Canceled)

3. (Original) A light generating device as in claim 1:
wherein the light emitting device is a blue light emitting diode;
wherein the first type of phosphor is one of the following:
Strontium Thiogallate:Europium, having a chemical formula of $\text{SrGa}_2\text{S}_4:\text{Eu}$,
a thiogallate phosphor that is a mix group II alkaline metal thiogallate phosphor $(\text{Sr}, \text{Ca}, \text{Ba})(\text{Al}, \text{Ga})_2\text{S}_4:\text{Eu}$; $\text{BaSrGa}_4\text{S}_7:\text{Eu}$; and,

wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:



4. (Original) A light generating device as in claim 1 additionally comprises one of the following:

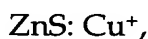
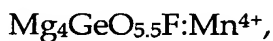
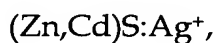
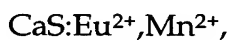
a mold compound covering the epoxy;

an optical dome covering the epoxy.

5. (Previously Presented) A light generating device as in claim 1 wherein the first type of phosphor is a red phosphor.

6. (Original) A light generating device as in claim 1:

wherein the first type of phosphor is a red phosphor having one of the following chemical formulas:



$\text{ZnSe}_{1/2}\text{S}_{1/2}:\text{Cu,Cl},$

$\text{BaSi}_7\text{N}_{10}:\text{Eu}^{2+},$

$(\text{Ca,Sr,Ba})\text{Si}_5\text{N}_8:\text{Eu}^{2+};$ and,

wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:

$\text{Tb}_3\text{Al}_5\text{O}_{12}:\text{Ce},$

$\text{Sr}(\text{Ba,Ca})\text{SiO}_4:\text{Eu},$

$\text{YAG}:\text{Ce}.$

7. (Original) A light generating device as in claim 1 additionally comprising:

a second light emitting device; and,

a second epoxy placed over the second light emitting device, the second epoxy including:

the first type of phosphor, and

the second type of phosphor.

8. (Original) A light generating device as in claim 1 additionally comprising:

a second light emitting device;

a second epoxy placed over the second light emitting device, the second epoxy including:

the first type of phosphor, and

the second type of phosphor;
a third light emitting device; and,
a third epoxy placed over the third light emitting device, the third epoxy
including:
the first type of phosphor, and
the second type of phosphor.

9. (Original) A light generating device as in claim 1, wherein the light
emitting device is mounted on one of the following:

a printed circuit board;
a lead frame.

10. (Original) A light generating device as in claim 1, wherein the light
emitting device is mounted within a printed circuit board substrate.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Currently Amended) A light generating device comprising:

emitting means for emitting blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,

holding means for holding a first type of phosphor and a second type of phosphor adjacent to the emitting means;

wherein the first type of phosphor, when excited, emits either green light or red light; and,

wherein the second type of phosphor, when excited, emits yellow light.

15. (Canceled)

16. (Original) A light generating device as in claim 14:

wherein the emitting means is a blue light emitting diode;

wherein the first type of phosphor is one of the following:

Strontium Thiogallate:Europium, having a chemical formula of $\text{SrGa}_2\text{S}_4:\text{Eu}$;

a thiogallate phosphor that is a mix group II alkaline metal thiogallate phosphor $(\text{Sr}, \text{Ca}, \text{Ba})(\text{Al}, \text{Ga})_2\text{S}_4:\text{Eu}$; $\text{BaSrGa}_4\text{S}_7:\text{Eu}$; and,

wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:

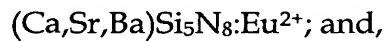
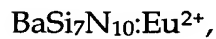
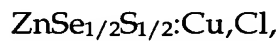
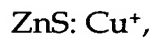
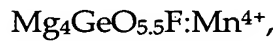
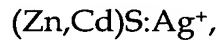
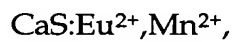
$\text{Tb}_3\text{Al}_5\text{O}_{12}:\text{Ce}$,

$\text{Sr}(\text{Ba}, \text{Ca})\text{SiO}_4:\text{Eu}$,

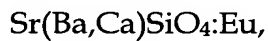
$\text{YAG}:\text{Ce}$.

17. (Original) A light generating device as in claim 16 wherein the first type of phosphor is a red phosphor, and wherein the second type of phosphor is a yellow phosphor.

18. (Original) A light generating device as in claim 16:
wherein the first type of phosphor is a red phosphor having one of the following chemical formulas:



wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:



19. (Original) A light generating device as in claim 14, wherein the emitting means is mounted on one of the following:

a printed circuit board;

a lead frame.

20. (Original) A light generating device as in claim 14, wherein the emitting means is mounted within a printed circuit board substrate.